



# ASCENDUM

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**VOLVO L90H 625909**  
Component  
**Front Axle**  
Fluid  
**TRANSAXLE OIL SAE 75W80 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>ASC0003018</b>	VCP395678	---
Sample Date		Client Info		<b>07 May 2024</b>	04 Nov 2022	---
Machine Age	hrs	Client Info		<b>1996</b>	993	---
Oil Age	hrs	Client Info		<b>993</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>52</b>	53	---
Chromium	ppm	ASTM D5185m	>20	<b>2</b>	2	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>30	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m	>120	<b>0</b>	<1	---
Tin	ppm	ASTM D5185m	>20	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

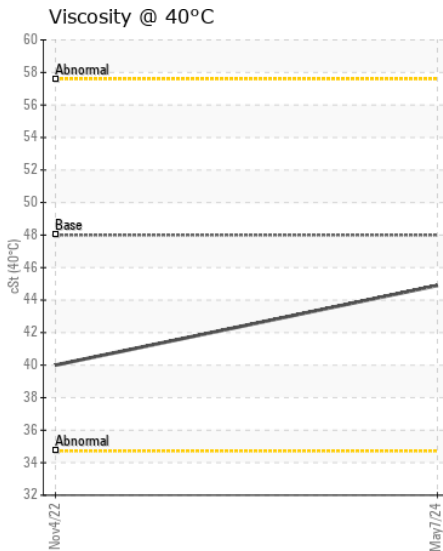
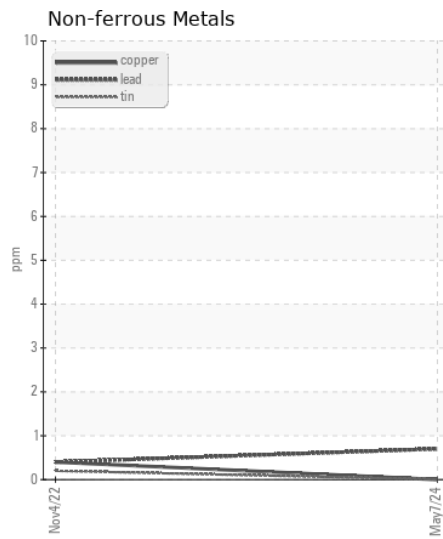
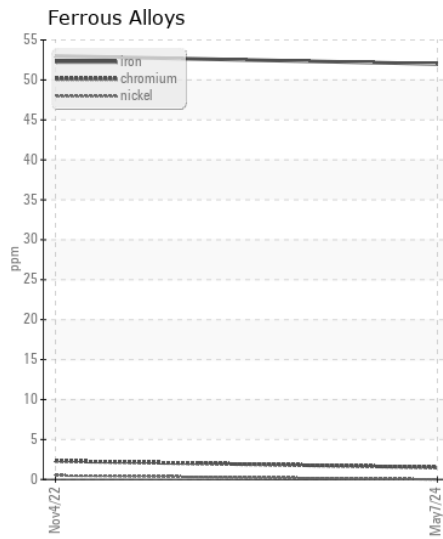
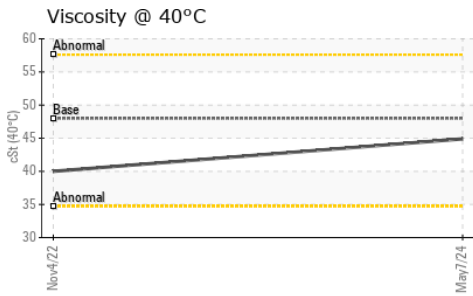
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	<b>14</b>	10	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---

### FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>7</b>	9	---
Boron	ppm	ASTM D5185m	160	<b>126</b>	128	---
Barium	ppm	ASTM D5185m	10	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	25	<b>6</b>	9	---
Manganese	ppm	ASTM D5185m		<b>5</b>	8	---
Magnesium	ppm	ASTM D5185m	12	<b>21</b>	11	---
Calcium	ppm	ASTM D5185m	3750	<b>3744</b>	3711	---
Phosphorus	ppm	ASTM D5185m	1200	<b>1222</b>	1148	---
Zinc	ppm	ASTM D5185m	1500	<b>1519</b>	1536	---
Sulfur	ppm	ASTM D5185m	6000	<b>4895</b>	4136	---
Visc @ 40°C	cSt	ASTM D445	48	<b>44.9</b>	40.0	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0003018  
**Lab Number** : 06174298  
**Unique Number** : 11020351  
**Test Package** : CONST

**Received** : 09 May 2024  
**Tested** : 10 May 2024  
**Diagnosed** : 10 May 2024 - Wes Davis

**PARTON LUMBER CO**  
 251 PARTON RD  
 RUTHERFORDTON, NC  
 US 28139

Contact: SERVICE MANAGER

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:  
F: